

8 of 11

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SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 7/9/06 Serial # 101791,777 Priority Application Date 3/4/04

Your Name Mihailov Examiner # _____

AU 2822 Phone 292-1838 Room 5A30

In what format would you like your results? Paper is the default. PAPER - DISK EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: _____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐
Secondary Refs ☐ Foreign Patents ☐ Other ☐

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patrr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 14, 15, 17 & 18

MOS

Problem: See pages 1-2
Solution: 11 11 2-8

US 6,110,771 US 6,060,397
6,333,541 6,251,763

Staff Use Only

Searcher: Michael Stenra

Searcher Phone: 571-272-2663

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 7/13/2006

Date Completed: 7/13/2006

Searcher Prep/Rev Time: 60

Online Time: 93

Type of Search

Structure (#) _____

Bibliographic ☒

Litigation ☒

Fulltext ☒

Patent Family _____

Other _____

Vendors

STN ☒

Dialog ☒

Questel/Orbit _____

Lexis-Nexis _____

WWW/Internet _____

Other _____

7/13/06

10/79177

(FILE 'HOME' ENTERED AT 16:11:53 ON 13 JUL 2006)

FILE 'CAPLUS' ENTERED AT 16:12:13 ON 13 JUL 2006

L1 644385 SEA ABB=ON PLU=ON SEMICONDUCTOR OR MOS OR METAL OXIDE
SEMICONDUCTOR OR SEMI CONDUCTOR OR TRANSISTOR OR NMOS OR PMOS
L2 31356 SEA ABB=ON PLU=ON GATE(3A) (ELECTROD##### OR ANOD##### OR
PROB##### OR CATHOD##### OR PLATE##### OR CONDUCT#####)
L3 388397 SEA ABB=ON PLU=ON (SILIC##### OR SI) (3A) (LAYER##### OR
COAT##### OR COVER##### OR COVERCOAT##### OR OVERLAY##
OR COVER LAY##### OR FILM##### OR SUBSTRATE OR
MATERIAL)
L4 9337 SEA ABB=ON PLU=ON GATE(3A) (LENGTH OR DIMENSION##### OR
SIZE OR THICK##### OR WIDTH OR BREADTH)
L5 6435 SEA ABB=ON PLU=ON DUMMY PATTERN OR DUMM#####
L6 38540 SEA ABB=ON PLU=ON SIDEWALL##### OR SIDE WALL
L7 955621 SEA ABB=ON PLU=ON INSULAT##### OR NONCONDUCT##### OR NON
CONDUCT##### OR PLASTIC#####
L8 32670 SEA ABB=ON PLU=ON ELECTRIC##### (3A) CONNECT#####
L9 0 SEA ABB=ON PLU=ON L1 AND L2 AND L3 AND L4 AND L5 AND L6 AND
L7 AND L8
L10 10 SEA ABB=ON PLU=ON L1 AND L2 AND L4 AND L5 AND L6
L11 10 DUP REM L10 (0 DUPLICATES REMOVED)
L12 27798 SEA ABB=ON PLU=ON L1 AND L2
L13 6534 SEA ABB=ON PLU=ON L12 AND (SILIC##### (3A) (LAYER#####
OR FILM##### OR COVER##### OR COAT##### OR THICK#####
OR COVERCOAT##### OR COVER LAY##### OR SUBSTRATE))
L14 348 SEA ABB=ON PLU=ON L13 AND L4
L15 76 SEA ABB=ON PLU=ON L14 AND L6
L16 1 SEA ABB=ON PLU=ON L15 AND L5
L17 52 SEA ABB=ON PLU=ON L15 AND L7
L18 1 SEA ABB=ON PLU=ON L17 AND L8
D L11 1-10 IBIB ABS
L19 10 SEA L11
L20 0 SEA ABB=ON PLU=ON L16 NOT L19
L21 10 SEA L11
L22 0 SEA ABB=ON PLU=ON L16 NOT L21
D L16 IBIB ABS
D L18 IBIB ABS

FILE 'STNGUIDE' ENTERED AT 16:33:44 ON 13 JUL 2006